

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IL2004/001120

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01D53/14 B01D53/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, BIOSIS, IBM-TDB, INSPEC, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WILLIAM ELLISON: "Chemical process design alternatives to gain simultaneous NOx removal in scrubbers" 9 December 2003 (2003-12-09), ELLISON CONSULTANTS PAPER FOR PRESENTATION AT POWER-GEN INTERNATIONAL, LAS VEGAS, NV , XP002324631 page 1 - page 11 page 7 - page 8, in particular	1-14
A	WO 01/26784 A (LEXTRAN LTD; KHITRIK, ADOLF; PIPKO, GREGORI; DORON, BENJAMIN) 19 April 2001 (2001-04-19) claims 1-15 ----- -/--	1-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *8* document member of the same patent family

Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

02/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Eijkenboom, A

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IL2004/001120

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 419 834 A (STRATEN ET AL) 30 May 1995 (1995-05-30) column 3, line 41 - line 62 column 7, line 11 - line 55; figure 4</p> <p>-----</p>	1-14
A	<p>DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 1989, JIA J ET AL: "PETROLEUM SULFOXIDE EXTRACT-LEACH RESIN A NEW RESIN FOR TREATMENT OF WASTEWATER CONTAINING METHYLMERCURY" XP002324632 Database accession no. PREV199089131793 abstract & HUANJING KEXUE, vol. 10, no. 4, 1989, pages 40-44, 96, ISSN: 0250-3301</p> <p>-----</p>	1-14
A	<p>FRANCIS T ET AL: "LIQUID-LIQUID EXTRACTION OF HG(II) FROM ACIDIC CHLORIDE SOLUTIONS USING BIS-2-ETHYLHEXYL SULFOXIDE" JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY. (INTERNATIONAL JOURNAL OF BIOTECHNICAL AND CHEMICAL PROCESSES), ELSEVIER APPLIED SCIENCE PUBLISHERS. BARKING, GB, vol. 76, no. 7, July 2001 (2001-07), pages 737-742, XP001092360 ISSN: 0268-2575 abstract paragraph '0001!</p> <p>-----</p>	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IL2004/001120

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0126784	A	19-04-2001	AT 243065 T	15-07-2003
			AU 7814500 A	23-04-2001
			DE 60003446 D1	24-07-2003
			DE 60003446 T2	06-05-2004
			EP 1225967 A1	31-07-2002
			WO 0126784 A1	19-04-2001
US 5419834	A	30-05-1995	DE 4302910 C1	15-09-1994
			DE 9303842 U1	19-08-1993
			EP 0609687 A1	10-08-1994